

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for computing a periodic anticoagulation medication regimen for a patient ~~using an administration of anticoagulation medication system accessed via a computer terminal over a network~~, the method comprising the steps of:
receiving current information for ~~each~~ the patient's visit; and
soliciting additional treatment information from a medical professional; and
automatically calculating ~~a new weekly dose~~ the periodic anticoagulation medication regimen based on the received current patient information and the additional treatment information.
2. (Currently Amended) The method in accordance with claim 1, wherein the current patient information received includes at least one of a patient's current weekly periodic anticoagulation medication dose, current international normalized ratio, and international normalized ratio goal.
3. (Currently Amended) The method in accordance with claim 2, wherein the new weekly periodic dose medication regimen is based on at least one of the patient's current weekly periodic anticoagulation medication dose, current international normalized ratio, and international normalized ratio goal.
4. (Currently Amended) The method in accordance with claim 1, wherein the new weekly periodic dose medication regimen is calculated based on an equation customizable by each user.
5. (Original) The method in accordance with claim 1, further comprising displaying standard medical guidelines in response to a user's request.
6. (Original) The method in accordance with claim 5, wherein the standard medical guidelines are published by American College of Chest Physicians.
7. (Currently Amended) The method in accordance with claim 1, further comprising converting the new weekly periodic dose medication into daily doses based on a number of milligrams in a single pill.
8. (Original) The method in accordance with claim 7, wherein said converting step further comprises receiving from a user over the network a setting of a predetermined number of

milligrams in a single pill as defined by the user.

9. (Original) The method in accordance with claim 1, wherein the anticoagulation medication is low molecular weight heparin.

10. (Original) The method in accordance with claim 1, further comprising searching a database of patient records based on at least one of patient's last name, patient's first name, medical record number, social security number and patient identification.

11. (Original) The method in accordance with claim 1, further comprising displaying a list of patients that are overdue for a scheduled visit as of a current date.

12. (Original) The method in accordance with claim 11, wherein the scheduled visit is overdue if delayed more than a predetermined number of days, as defined by a user, relative to a current date.

13. (Original) The method in accordance with claim 1, wherein the current information includes updated medication information, the method further comprising automatically displaying medication interaction messages in response to receiving the updated medication information.

14. (Original) The method in accordance with claim 1, further comprising displaying a list of patients scheduled for a visit on a current date.

15. (Original) The method in accordance with claim 14, further comprising selecting a particular patient from the list of patients scheduled.

16. (Original) The method in accordance with claim 1, further comprising generating a report of at least one of patient, physician, and clinic summary information.

17. (Original) The method in accordance with claim 16, wherein said report is customizable as to which fields are to be included therein.

18. (Original) The method in accordance with claim 17, wherein said report is customizable in at least one of sorting and grouping of the fields included therein.

19. (Original) The method in accordance with claim 1, further comprising the steps of accessing the system via a web site; and receiving a selection of preferences to customize configuration of the web site.

20. (Currently Amended) The method in accordance with claim 1, further comprising automatically calculating a scheduled return visit based on whether the new ~~weekly~~ periodic dose medication regimen has changed relative to the current ~~weekly~~ periodic anticoagulation medication dose.

21. (Currently Amended) A system for administration of anticoagulation medication accessed via a computer terminal over a network, comprising:

a first ~~device~~ module receiving current information for ~~each a patient's visit and~~ additional treatment information determined by a medical professional; and

a second ~~device~~ module automatically calculating a new ~~weekly~~ periodic dose medication regimen based on the received information.

22. (Currently Amended) The system in accordance with claim 21, wherein the current information received includes at least one of a patient's current ~~weekly~~ periodic anticoagulation medication dose, current international normalized ratio, and international normalized ratio goal.

23. (Currently Amended) The system in accordance with claim 22, wherein the new ~~weekly~~ periodic dose medication regimen is based on at least one of the patient's current ~~weekly~~ periodic anticoagulation medication dose, current international normalized ratio, and international normalized ratio goal.

24. (Currently Amended) The system in accordance with claim 21, wherein the new ~~weekly~~ periodic dose medication regimen is calculated based on an equation customizable by each user.

25. (Currently Amended) The system in accordance with claim 21, further comprising a ~~device~~ module to convert the new ~~weekly~~ periodic dose medication into daily doses based on a number of milligrams in a single pill.

26. (Currently Amended) The system in accordance with claim 25, wherein said converting ~~device module comprises~~ includes a device module to receive from a user over the network a setting of a predetermined number of milligrams in a single pill as defined by the user.

27. (Original) The system in accordance with claim 21, wherein the anticoagulation medication is low molecular weight heparin.

28. (Currently Amended) The system in accordance with claim 21, further comprising a display ~~device module~~ displaying a list of patients that are overdue for a scheduled visit as of a current date.

29. (Original) The system in accordance with claim 28, wherein the scheduled visit is overdue if delayed more than a predetermined number of days, as defined by a user, relative to a current date.

30. (Currently Amended) The system in accordance with claim 21, wherein the current information includes updated medication information, the system further ~~comprising~~ including a

display ~~device~~ module automatically displaying medication interaction messages in response to receiving the updated medication information.

31. (Currently Amended) The system in accordance with claim 21, further ~~comprising~~ including a display ~~device~~ module displaying a list of patients scheduled for a visit on a current date.

32. (Currently Amended) The system in accordance with claim 21, further ~~comprising~~ including a report generating ~~device~~ module generating a report of at least one of patient, physician, and clinic summary information.

33. (Original) The system in accordance with claim 32, wherein said report is customizable as to which fields are to be included therein.

34. (Original) The system in accordance with claim 33, wherein said report is customizable in at least one of sorting and grouping of the fields included therein.

35. (Currently Amended) The system in accordance with claim 21, further ~~comprising~~ including:
a first ~~device~~ module accessing the system via a web site; and
a second ~~device~~ module receiving a selection of preferences to customize configuration of the web site.

36. (Currently Amended) The system in accordance with claim 21, further ~~comprising~~ including a calculation ~~device~~ module automatically calculating a scheduled return visit based on whether the new ~~weekly~~ periodic dose medication regimen has changed relative to the current ~~weekly~~ periodic anticoagulation medication dose.

37. (Cancelled)

38. (Cancelled)

39. (Cancelled)

40. (New) The method according to claim 1, the additional treatment information including reason for anticoagulation administration, desired intensity of anticoagulation, and anticipated duration of anticoagulation therapy.

41. (New) The system according to claim 21, the additional treatment information including reason for anticoagulation administration, desired intensity of anticoagulation, and anticipated duration of anticoagulation therapy.